



SCSI-TO-IP CACHE STORAGE DEVICE AND METHOD

ABSTRACT OF THE DISCLOSURE

A SCSI-to-IP cache storage system interconnects a host computing device or a storage unit to a switched packet network. The cache storage system includes a SCSI interface (40) that facilitates system communications with a host computing device or the storage unit, and an Ethernet interface (42) that allows the system to receive data from and send data to the Internet. The cache storage system further comprises a processing unit (44) that includes a processor (46), a memory (48) and a log disk (52) configured as a sequential access device. The log disk (52) caches data along with the memory (48) resident in the processing unit (44), wherein the log disk (52) and the memory (48) are configured as a two-level hierarchical cache.